

## ABSTRACT OF THE DISCLOSURE

A traffic control unit and a traffic control method are provided. They carry out, in a first shared resource (like a radio base station in a mobile radio network) of a network including besides the first shared resource, a second shared resource (like a transmission path between a radio base station and a local switch) and a local switch, which are shared by a plurality of users, traffic control of data to be transmitted to the local switch through the second shared resource. This makes it possible to positively achieve the traffic control, and to prevent the shared resources in the network from being wasted. Appropriate control is implemented by carrying out, for data taking place in a burst mode at a period proper to the data, traffic control such that a cumulative transmission volume in a traffic monitoring period determined by taking account of the proper period does not exceed an allowed transmission volume based on a traffic rate.